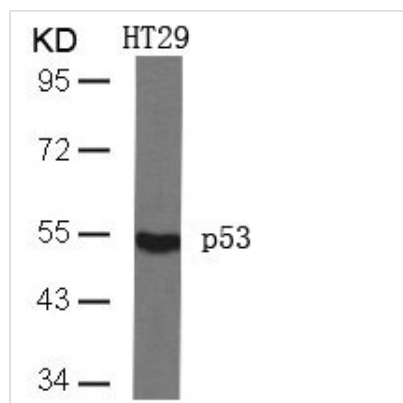




TP53 (Ab-46) Antibody

Product Code	CSB-PA445446
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P04637
Immunogen	Peptide sequence around aa. 44~48 (M-L-S-P-D) derived from Human p53.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total p53 protein.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Acts as a tumor suppressor in many tumor types; induces growth arrest or apoptosis depending on the physiological circumstances and cell type. Involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by controlling a set of genes required for this process. One of the activated genes is an inhibitor of cyclin-dependent kinases. Apoptosis induction seems to be mediated either by stimulation of BAX and FAS antigen expression, or by repression of Bcl-2 expression. Implicated in Notch signaling cross-over. Dhavan, R. and Tsai, L.H. (2001) Nat Rev Mol Cell Biol. 2: 749-759. Patrick, G. N. et al. (1998) J Biol Chem. 273: 24057-24064. Di Stefano V, et al. (2005) Oncogene. 24(35):5431-5442. Mayo LD, et al.(2005) J Biol Chem. 280(28):25953-25959. Wang L, et al. (2005) Oncogene. 24(18): 3020-3027.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	Tumor suppressor p53; Phosphoprotein p53; Antigen NY-CO-13
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	TP53
Image	



Western blot analysis of extracts from HT29 cells using p53(Ab-46) Antibody.